

What is claimed is:

1. An airborne missile launch method comprising:
 - receiving positioning information;
 - creating a missile profile mission;
 - 5 creating a mission in a first format by combining the created missile profile mission with the received positioning information;
 - loading the mission into a navigation system of a missile;
 - generating a mission-loaded signal upon completion of mission loading into the missile;
 - 10 converting the generated mission-loaded signal to a second format for interpretation by an aircraft command-launch control set system; and
 - presenting a flight crew with information that mission loading has been completed based on the received converted completion signal.
2. The method of Claim 1, further comprising:
 - 15 generating a launch command at the aircraft command-launch control set system;
 - converting the launch command into a format associated with the missile;
 - sending the converted launch command to the missile; and
 - performing a launch of the missile based on the received converted launch command.
 - 20
3. An airborne missile launch system including one or more missiles comprising:
 - an aircraft command-launch control set system arranged to process data in a first format; and
 - an interface controller coupled to the aircraft command-launch control set system and the one or more missiles, the controller comprising:
 - 25 a first component configured to create a missile profile mission;
 - a second component configured to create a mission in a second format for processing by the one or more missiles by combining the created missile profile mission with received positioning information;
 - 30 a third component configured to send the mission to one of the missiles for loading;
 - a fourth component configured to receive a mission-loaded signal upon completion of mission loading into one of the missiles; and
 - 35 a fifth component configured to convert the generated mission-loaded signal from the first format to the second format for interpretation by the aircraft command-launch control set system.

4. The system of Claim 3, wherein the aircraft command-launch control set system comprises a component configured to generate a launch command, and wherein the controller comprises:

- 5 a sixth component configured to convert the launch command into the first format; and
- a seventh component configured to send the converted launch command to the associated missile.

5. The system of Claim 1, wherein the one or more missiles are Harpoon Block II missiles.

- 10 6. The system of Claim 1, wherein the aircraft command-launch control set is a Harpoon aircraft command-launch control set.

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